

IN THE CLAIMS:

Please replace the claims amendments outlined in the response file November 28, 2006, with the amendments hereinbelow, wherein claims 12 and 15 are being canceled without prejudice or disclaimer, and claims 10, 11, 13 and 14 are being amended as follows:

1-9. (Canceled)

10. (Currently Amended) A plurality of amphibian oocytes ~~into which~~ wherein relative to a vertical axis and an animal hemisphere of each amphibian oocyte being positioned in an upward direction, each of said amphibian oocytes has mRNA is respectively injected at an identical depth from a surface of each of the oocytes into a cytoplasm of said each of the positioned in a cytoplasm thereof at a depth relative to the vertical axis in the range of 0.02-0.1 mm from a top surface of each of said amphibian oocytes, wherein said mRNA is injected into the cytoplasm of each of said plurality of amphibian oocytes.

11. (Currently Amended) A plurality of amphibian oocytes according to claim 10, wherein the mRNA in each of the oocytes is injected with an ~~identical~~ injection amount and at an ~~identical~~ injection area identical to an injection amount and an injection area in each all others of the oocytes.

12. (Canceled).

13. (Currently Amended) A method for screening a sample, comprising the steps of:
injecting [[mRNA]], relative to a vertical axis and an animal hemisphere of each of a plurality of amphibian oocytes being positioned in an upward direction, mRNA which encodes a protein for initiating ~~a biological~~ an interaction with said sample, into a cytoplasm of each of said [[a]] plurality of amphibian oocytes such that the mRNA in each of said plurality of amphibian oocytes is positioned at an identical a depth relative to the vertical axis in the range of 0.02-0.1 mm from a top surface of each of the oocytes into a cytoplasm of said each of the oocytes;
maintaining a membrane potential on each of the oocytes injected with the mRNA;

adding a solution to each of the oocytes maintained with the membrane potential; and

measuring an electric response of each of the oocytes after the step of adding thereby discriminating whether the solution containing said sample based on the electric response.

14. (Currently Amended) A method for screening a sample according to claim 13, wherein the mRNA in each of the oocytes is injected with an ~~identical~~ injection amount and at an ~~identical~~ injection area identical to an injection amount and an injection area in each all others of the oocytes.
15. (Canceled).